Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052623\
Data File : BG057581.D
Acq On : 26 May 2023 11:50
Operator : CG/JU
Sample : PB152987BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 26 15:04:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 26 02:58:05 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB152987BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.354	152	17202	20.000	ng		0.00
21) Naphthalene-d8	11.191	136	70568	20.000	ng	#	0.00
39) Acenaphthene-d10	14.975	164	56453	20.000	ng		0.00
64) Phenanthrene-d10	17.712	188	148082	20.000	ng		0.00
76) Chrysene-d12	22.024	240	125018	20.000	ng		0.00
86) Perylene-d12	25.525	264	135597	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.875	112	116711	116.060	ng		0.00
7) Phenol-d6	7.502	99	179623	117.627	ng		0.00
23) Nitrobenzene-d5	9.535	82	106945	63.606	ng		0.00
42) 2,4,6-Tribromophenol	16.455	330	92537	115.526	ng		0.00
45) 2-Fluorobiphenyl	13.594	172	285252	68.052	ng		0.00
79) Terphenyl-d14	20.279	244	522479	68.202	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.660	88	16141	38.820	ng		99
3) Pyridine	4.083	79	44885	33.591	ng		97
4) n-Nitrosodimethylamine	3.995	42	22167	35.301	ng	#	80
6) Aniline	7.667	93	70398	36.340	ng		97
8) 2-Chlorophenol	7.914	128	55053	51.810	ng		96
9) Benzaldehyde	7.479	77	35731	44.992	ng		94
10) Phenol	7.532	94	77418	52.007	ng		94
11) bis(2-Chloroethyl)ether	7.755	93	48171	42.914	ng		96
12) 1,3-Dichlorobenzene	8.243	146	54469	46.444	ng		96
13) 1,4-Dichlorobenzene	8.389	146	55942	47.488	ng		96
14) 1,2-Dichlorobenzene	8.712	146	53883	47.381	ng		94
15) Benzyl Alcohol	8.595	79	58869	46.275	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.877	45	59931m	42.360	ng		
17) 2-Methylphenol	8.801	107	53781	50.119	ng		97
18) Hexachloroethane	9.453	117	19441	45.731	ng		95
19) n-Nitroso-di-n-propyla...	9.159	70	46723	40.126	ng		95
20) 3+4-Methylphenols	9.130	107	73850	50.261	ng		95
22) Acetophenone	9.188	105	86737	42.944	ng	#	96
24) Nitrobenzene	9.582	77	68940	40.624	ng		93
25) Isophorone	10.099	82	128027	39.268	ng		97
26) 2-Nitrophenol	10.299	139	32559	50.123	ng		93
27) 2,4-Dimethylphenol	10.340	122	60253	52.973	ng		98
28) bis(2-Chloroethoxy)met...	10.569	93	71368	43.694	ng		97
29) 2,4-Dichlorophenol	10.845	162	64767	53.687	ng		98
30) 1,2,4-Trichlorobenzene	11.051	180	61596	44.267	ng		97
31) Naphthalene	11.244	128	168207	44.586	ng		99
32) Benzoic acid	10.504	122	32540	49.453	ng		96
33) 4-Chloroaniline	11.350	127	57410	33.886	ng		98
34) Hexachlorobutadiene	11.509	225	42053	40.730	ng		96
35) Caprolactam	12.126	113	21361m	51.835	ng		
36) 4-Chloro-3-methylphenol	12.454	107	71720	52.314	ng		99
37) 2-Methylnaphthalene	12.825	142	132548	44.686	ng		94
38) 1-Methylnaphthalene	13.042	142	123793	44.278	ng		99
40) 1,2,4,5-Tetrachloroben...	13.189	216	88599	44.208	ng		98
41) Hexachlorocyclopentadiene	13.154	237	56827	60.644	ng		100
43) 2,4,6-Trichlorophenol	13.424	196	60855	49.841	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052623\
Data File : BG057581.D
Acq On : 26 May 2023 11:50
Operator : CG/JU
Sample : PB152987BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 26 15:04:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 26 02:58:05 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB152987BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.506	196	66705	46.444	ng		96
46) 1,1'-Biphenyl	13.806	154	191822	45.792	ng		97
47) 2-Chloronaphthalene	13.864	162	146620	47.068	ng		99
48) 2-Nitroaniline	14.064	65	49675	46.900	ng		93
49) Acenaphthylene	14.698	152	236260	46.684	ng		99
50) Dimethylphthalate	14.411	163	203561	43.880	ng		98
51) 2,6-Dinitrotoluene	14.546	165	45625	48.170	ng		85
52) Acenaphthene	15.039	154	144794	45.786	ng		98
53) 3-Nitroaniline	14.881	138	35205	37.101	ng		91
54) 2,4-Dinitrophenol	15.098	184	52592	89.066	ng		95
55) Dibenzofuran	15.368	168	243687	45.863	ng		98
56) 4-Nitrophenol	15.192	139	62537	99.091	ng		88
57) 2,4-Dinitrotoluene	15.333	165	66850	49.384	ng		95
58) Fluorene	16.014	166	202057	46.167	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.597	232	61972	47.593	ng		99
60) Diethylphthalate	15.756	149	204518	43.412	ng		96
61) 4-Chlorophenyl-phenyle...	15.991	204	115079	43.647	ng		95
62) 4-Nitroaniline	16.038	138	45721	47.762	ng		91
63) Azobenzene	16.285	77	189097	41.600	ng		95
65) 4,6-Dinitro-2-methylph...	16.102	198	42575	48.156	ng		98
66) n-Nitrosodiphenylamine	16.208	169	179760	44.695	ng		98
67) 4-Bromophenyl-phenylether	16.884	248	78883	43.637	ng		97
68) Hexachlorobenzene	17.019	284	84289	47.982	ng		95
69) Atrazine	17.142	200	80991	52.789	ng		97
70) Pentachlorophenol	17.371	266	78509	77.547	ng		97
71) Phenanthrene	17.759	178	339323	44.718	ng		100
72) Anthracene	17.847	178	347717	44.660	ng		99
73) Carbazole	18.117	167	307805	46.959	ng		98
74) Di-n-butylphthalate	18.628	149	348376	46.194	ng		98
75) Fluoranthene	19.745	202	411676	43.621	ng		99
77) Benzidine	19.909	184	219754	78.625	ng		99
78) Pyrene	20.109	202	412525	45.409	ng		99
80) Butylbenzylphthalate	20.955	149	145710	50.550	ng		94
81) Benzo(a)anthracene	22.000	228	393105	44.134	ng		99
82) 3,3'-Dichlorobenzidine	21.895	252	102499	35.927	ng		99
83) Chrysene	22.071	228	358639	42.794	ng		99
84) Bis(2-ethylhexyl)phtha...	21.836	149	202014	47.368	ng		99
85) Di-n-octyl phthalate	23.128	149	335978	47.255	ng		98
87) Indeno(1,2,3-cd)pyrene	29.596	276	440891	44.613	ng	#	75
88) Benzo(b)fluoranthene	24.403	252	388685	43.850	ng		100
89) Benzo(k)fluoranthene	24.479	252	392400	43.565	ng		100
90) Benzo(a)pyrene	25.361	252	347525	40.131	ng		97
91) Dibenzo(a,h)anthracene	29.643	278	370353	45.000	ng		96
92) Benzo(g,h,i)perylene	30.865	276	353083	43.937	ng		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052623\
Data File : BG057581.D
Acq On : 26 May 2023 11:50
Operator : CG/JU
Sample : PB152987BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 26 15:04:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 26 02:58:05 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB152987BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023